

**U.S. Consumer Product Safety Commission
LOG OF MEETING**

SUBJECT: The Fire Protection Research Foundation's Fire Risk and Hazard Symposium

DATE OF MEETING: July 24-26, 2002

LOG ENTRY SOURCE: William H. King, Jr., ES *W.H.K.*

DATE OF LOG ENTRY: July 30, 2002

LOCATION: BWI Airport Marriott Hotel, Baltimore, MD

CPSC ATTENDEE(S):

William H. King, Jr., ES

Rohit Khanna, ESME (July 25, 2002 a.m. only)

NON-CPSC ATTENDEE(S):

Rick Mulhaupt, The National Fire Protection Research Foundation (NFPRF)

Eric Peterson, NFPRF

John Hall, National Fire Protection Association (NFPA)

Richard Gann, National Institute of Standards and Technology (NIST)

Frank McGarry, National Association of State Fire Marshals

Don Bliss, National Association of State Fire Marshals

Marcelo Hirschler, GBH International

Thomas Chapin, Underwriters Laboratories Inc.

Steven Galan, Underwriters Laboratories Inc.

Ron Nickson, National Multi Housing Council

Mickey Shiver, Reedy Creek Improvement District, FL

Paul Shipp, USG Corporation

Bent-Erik Carlsen, BC Consulting, Inc.

Robert Solomon, NFPA

Robert Duval, NFPA

CPSC 6 (2002) Cleared

7-31-02
W.B.

**✓ No Mis/Privileges or
Products Identified**

Exempted by

Jonathan Barnett, Worcester Polytechnic Institute
Ronald Rehm, NIST
Rita Foley, NFPA
Ronald Alpert, Factory Mutual Research
Thomas Fritz, Armstrong World Industries, Inc.
Steve Younis, NFPA
James Innes, Flame Retardant Associates, Inc.
Richard Colwell, Building Research Establishment Ltd.
and other attendees.

SUMMARY OF MEETING: Mr. King attended the symposium. Mr. Khanna provided a CPSC update on upholstered furniture standards addressing flammability. A symposium proceeding is being compiled by the National Fire Protection Research Foundation. A copy of the schedule for presentations is attached.



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Symposium

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Fire Protection Research Foundation

Fire Risk & Hazard Assessment Research Application Symposium July 24-26, Baltimore, Maryland

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How the tragic events of September 11, 2001 ultimately affect the world of fire protection remains to be seen. Without question, they are affecting current policy development as well as fire safety strategies and design of many new buildings. This conference will have discussions of 9/11, the investigation, and reports emanating from the events of that day. Many initiatives are emerging that will further assess and address the issues that are arising. This conference will be the Foundation's second opportunity to bring together participants in the investigation and the initiatives for an update and an open forum.

There is also progress to report on many fire safety fronts: furnishings and building products, flammability and toxicity, wire and cable, public transportation vehicles. Sessions on each will be presented by technical leaders of organizations confronting issues in NFPA, ASTM, and ISO standards, and in regulatory processes.

Presenters are "real world" practitioners like you – fire protection engineers, code writers, AHJs – as well as researchers, who believe in the importance of "bridging the gap" between research and practice.

Keynote Address

The Honorable Curt Weldon (PA)
Member, United States Congress
Founder, Congressional Fire Services Caucus

Moderators

- Ronald Alpert, FM Global Research
- Thomas Chapin, Underwriters Laboratories Inc.
- John Hall, NFPA Fire Analysis and Research
- Marcelo Hirschler, GBH International
- Frank McGarry, Frank McGarry Associates, Inc.

Schedule of Events and Technical Presentations

Wednesday, 24 July 2002

8:00 a.m. – 8:15 a.m. Welcome Salon Room TBD
Rick Mulhaupt, President
Fire Protection Research Foundation

8:15 a.m. – 9:30 a.m. Keynote Address
Hon. Curt Weldon (PA)
Member, United States House of Representatives
Founder, Congressional Fire Services Caucus

9:30 a.m. – 12:00 p.m. After 9/11: Where Do We Go From Here?
John Hall, NFPA Fire Analysis and Research
Moderator

World Trade Center Field Assessment
Robert Duval, NFPA

Overview of the Building Performance Study of the World Trade Center
James Milke, University of Maryland

Visit to the Site
Jonathan Barnett, Worcester Polytechnic Institute

The Arup Extreme Events Task Force: Learning from Disasters
James Quiter and Chris Marion, Arup

12:00 p.m. – 1:00 p.m. Lunch Break

1:00 p.m. – 2:30 p.m. After 9/11: Where Do We Go From Here? (continued)
John Hall, NFPA Fire Analysis and Research
Moderator

11 Sept.: What Now?
Robert Solomon, NFPA

Modeling Fires in the World Trade Center Towers
Ronald Rehm, National Institute of Standards & Technology

Comparison of the 1993 and 2001 Evacuations of the World Trade Center
Rita Fahy, NFPA

2:30 p.m. – 3:15 p.m. Speakers Panel

3:30 p.m. – 5:30 p.m. Flammability & Toxicity
Ronald Alpert, FM Global Research
Moderator

Current Fire Issues in ISO TC 92
Frederic Clarke, Benjamin Clarke Associates

Combustion Toxicity From an Industry Point of View
Thomas Fritz, Armstrong World Industries, Inc.

Update on the International Study of Sublethal Effects of Fire Smoke on
Survivability and Health (aka "The Incapacitation Project")
Richard Gann, National Institute of Standards & Technology

The Physiology and Biochemistry of Combustion Toxicology
James Feld, Feld Engineering

6:00 p.m. – 8:00 p.m. No-Host Reception
Salon Room TBA

Thursday, 25 July 2002

8:30 a.m. – 12:00 p.m. Furnishings and Building Materials Salon Room TBA
Frank McGarry, Frank McGarry Associates, Inc.
Moderator

CPSC Update on Upholstered Furniture Standard
Rik Khanna, U.S. Consumer Product Safety Commission

New Fire Test Developments
Steve Younis, NFPA

Improving Fire Safety in Electrical and Electronic Equipment
Don Bliss, National Association of State Fire Marshals

The New European System for Fire Testing and Classification of Building Materials
Bent-Erik Carlsen, BC-Consulting, Inc.

Plastic Lumber Standards and Flame Retardant Needs
James Innes, Flame Retardants Associates, Inc.

Fire Hazard Associated With Decorative Lights
Marcelo Hirschler, GBH International

12:00 p.m. – 1:30 p.m. Lunch Break

1:30 p.m. – 5:00 p.m. Wire and Cable
Thomas Chapin, Underwriters Laboratories Inc.
Moderator

The Fire at the 'Seven Dials Complex' London
Richard Colwell, Building Research Establishment Ltd.

Update of 262 Research Advisory Council and Project Technical Advisory Committee
Jim Walnock, E.I. duPont de Nemours

Trends in the Cabling Industry
Donald Nicholson, ITS ETL SEMKO Testing Laboratories

Update of Wire and Cable Research at UL
Steven Galan, Underwriters Laboratories Inc.

Overview of Wire and Cable Research at BRE
Richard Colwell, Building Research Establishment Ltd.

New Government Research on Combustible Plenum-Cable Fire Load Hazard Commercial Buildings
Jim Hoover, Loren Caudill, Jim Walnock, E.I. duPont de Nemours

Friday, 26 July 2002

8:30 a.m. – 11:30 a.m. Fire and Mass Transportation Vehicles
Marcelo Hirschler, GBH International
Moderator

A New Method of Flammability Assessment
Richard Lyon, Federal Aviation Administration

Development of Hazard-based Method for Evaluating Fire Safety of Passenger Trains
Richard Peacock, National Institute of Standards & Technology

Fire Hazard Assessment of Commuter Rail Equipment
Marc Janssens and Jason Huczek, Southwest Research Institute

Fire Resistant Cushioning for Transportation Industry
Chandra Jayakody, Chestnut Ridge Foam

11:30 a.m. Close
Mr. Mulhaupt

General Information

Symposium location:
BWI Airport Marriott Hotel
1743 West Nursery Road
Baltimore, MD 21240
+1 410 859-8300

The registration includes three days of technical programs, continental breakfasts, a reception, and Symposium Proceedings.

Registration by July 5, 2002: \$495
After July 5, or onsite: \$550

Cancellations received by telephone or by mail by July 12, 2002 will be entitled to a refund.

Special room rates are available at the Symposium hotel, the BWI Airport Marriott. Make your reservation by July 2, after which the special room rate will not be guaranteed.
+1 410 859-8300.

Discounted airfares are available through Colpitts World Travel at +1 800 795-9500
617 984-7313.

Contact Hours Provided

There will be a sign-in sheet at the registration table throughout the conference for those who wish to receive Contact Hours for their attendance at the symposium. Your attendance will be duly recorded and a certificate provided.

Promotional Literature Service

There is an opportunity for companies to insert promotional literature in the attendee information packs at a cost of \$150. Please send a sample of the literature to Eric Peterson at address above by July 5.

Registration Form

Download a registration form in PDF format and, if paying by credit card, fax the form to +1 617 984-7010. If paying by check, mail to: Fire Protection Research Foundation, 1 Batterymarch Park, Quincy, MA 02269 USA.

For more information on the symposium, contact Eric Peterson at +1 617 984-7281

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